



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yojiro MATSUEDA et al.

Application No.: 10/676,072

Filed: October 2, 2003

Docket No.: 117391

For: CIRCUIT SUBSTRATE, MANUFACTURING METHOD THEREOF,
ELECTRO-OPTICAL DEVICE, AND ELECTRONIC APPARATUS

INFORMATION DISCLOSURE STATEMENT

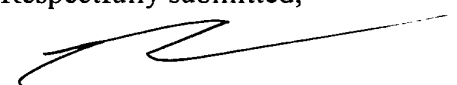
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language references is discussed in the present specification.
- ☒ 3. English-language Abstracts of non-English language references 3-5 and 7-9 are attached hereto.
- ☒ 4. Computer-generated English translations of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 4, 5, 8 and 9.

Respectfully submitted,

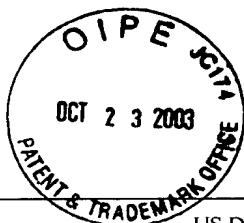

James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/gam
Date: October 23, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117391		APPLICATION NO. 10/676,072	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Yojiro MATSUEDA et al.			
				FILING DATE October 2, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP-A-58-116573	07/11/1983	Japan			
	2	JP-A-63-106788	05/11/1988	Japan			
	3	JP-A-2-242229 (w/English abstract)	09/26/1990	Japan			
	4	JP-A-7-181516 (w/English abstract & JPO translation)	07/21/1995	Japan			
	5	JP-A-7-175086 (w/English abstract & JPO translation)	07/14/1995	Japan			
	6	JP-A-63-85586	04/16/1988	Japan			
	7	JP-A-2-61618 (w/English abstract)	03/01/1990	Japan			
	8	JP-A-6-273783 (w/English abstract & JPO translation)	09/30/1994	Japan			
	9	JP-A-8-179360 (w/English abstract & JPO translation)	07/12/1996	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: October 23, 2003